

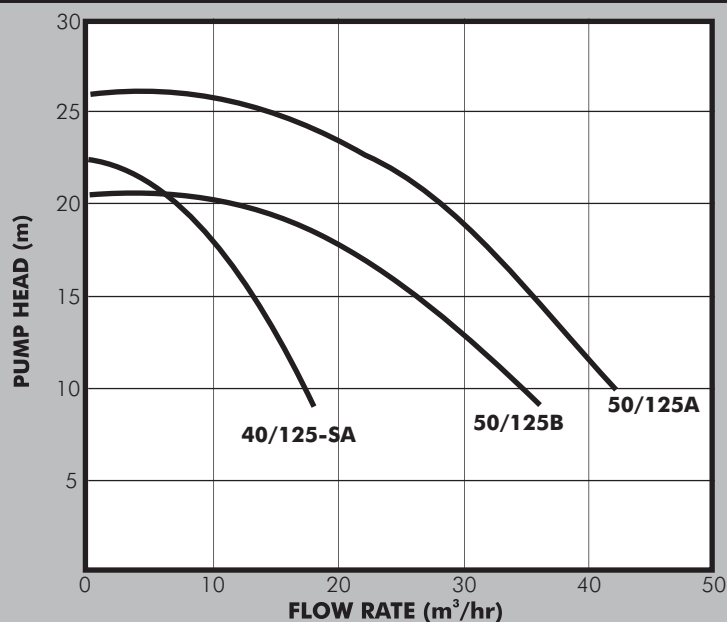


# PEDROLLO



## WR

### In-Line Close Coupled Centrifugal Pumps



#### PUMP

The PEDROLLO WR series are in-line close-coupled centrifugal pumps with flanged inlet and outlet connections. They are designed to work with heating, air conditioning, cooling and circulation systems in civil and heavy industrial applications. The pump body and cover are constructed from cast iron with cathaphoresis treatment while the impeller and diffuser is made from AISI 304 stainless steel.

#### MOTOR

Pumps are close coupled to a TEFC brushless induction motor designed for continuous operation and three phase IE3 version optimised to work with inverters for efficient and quiet operation. Single phase IE2 motor have intergrated thermal protection with a capacitor and can be connected directly to the mains power supply through a 10Amp fuse or MCB. A remote starter with thermal overload should be fitted for three phase versions.

**Enclosure Class:** IPX4

**Insulation Class:** F

**Speed:** 2900rpm

#### OPERATING CONDITIONS

**Pumped Liquid:** Thin, Clean, chemically non-aggressive liquids without solids or fibres.

**Max. Fluid Temperature:** -10 to +110°

**Ambient Temperature:** -10 to +40°

**Max. Suction Lift:** 7m (at sea level)

#### PUMP DATA

Model	Voltage (V)	Motor (kW)	Current (A)	DN1 (")	DN2 (")	Dimensions(mm)				Weight (kg)
						H	B	A	H1	
WRm 40/125-SA	1x240	0.75	6.0	1½	1½	350	320	195	81	21.1
WR 50/125B	3x415	1.5	4.5	2	3	432	340	220	90	30
WR 50/125A		2.2	5.2			452				32

